

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	216	(rogers-d\$).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/14 23:38
S2	38	("1870512"   "1870512"   "2810836"   "20040231440"   "2810836"   "3501942"   "3521966"   "3521967"   "3501942"   "3521966"   "3521967"   "4807247"   "4817447"   "4995273"   "4807247"   "4817447"   "4995273"   "6533452"   "6720562"   "6872936"   "6946652"   "6990868"   "6533452"   "6720562"   "6872936"   "6946652"   "6990868").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/15 00:02
S3	25	("2225140"   "3301039"   "3828605"   "3893330"   "4813266"   "5107448").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/15 23:36
S4	80170	friction.tl.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/15 23:36
S5	950	(measur\$4 near3 friction).tl.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/15 23:37

S6	896	(73/9).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/15 23:37
S7	2	S5 and ramp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/15 23:37
S8	18	S6 and ramp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:19
S9	221	S6 and wheel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:18
S10	2200	((measur\$4 determin \$4) with friction).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:22
S11	11	S10 and ramp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/16 21:19
S12	280	S10 and (slide slides sliding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/17 09:17
S13	216	(rogers-d\$).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/17 09:17
S14	17	((("3828605") or ("4813266") or ("2225140") or ("3893330"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/02/01 13:18
S15	2	(DE-4201124-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 13:22
S16	0	(gb-1090828-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 13:23
S17	901	(73/9).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/02/01 13:27
S18	4	S17 and (hydrodynamic "hydro-dynamic") with (film thickness))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 13:29

S19	18	(US-20010047679-\$). did. or (US-6860139-\$ or US-7117716-\$ or US-5245856-\$ or US- 4315426-\$ or US- 4187714-\$ or US- 4003241-\$ or US- 6612151-\$ or US- 6145382-\$ or US- 5107448-\$ or US- 3975940-\$ or US- 4594878-\$).did. or (US-3301039-\$ or US- 2225140-\$ or US- 2018688-\$).did. or (JP- 2001296239-\$ or JP- 54153088-\$).did. or (JP-2001296239-\$). did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2008/02/01 15:35
S20	9	S19 and wheels	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 15:35
S21	145	wheels with axle with locked with together	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 15:37
S22	0	wheels with axle with simultaneous with turning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:20
S23	0	wheels with axle with simultaneous with turning	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:21
S24	1440685	wheels locked with axle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:28
S25	1997	wheels with locked with axle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:28
S26	62	S25 and toy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:28
S27	505	wheels with locked with straight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:42

S28	7	S27 and toy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:42
S29	901	(73/9).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/02/01 19:48
S30	18	S29 and ramp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:48
S31	202844	S29 and ramp incline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:48
S32	29	S29 and ( ramp incline)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:48
S33	222	S29 and (wheel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:51
S34	8	S29 and (slip\$3 with floor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:57
S35	561	S29 and (slip\$3 surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:58
S36	88	S29 and (slip\$3 with surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/02/01 19:58
S37	2	("5842292").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/02/11 09:45
S38	167	(rolling near4 friction) with (test\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/01/30 23:32
S39	7	("3301039"   "4130008"   "4662211"   "4909073"   "6427519"   "6463784").PN. OR ("7117716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 23:49

S40	2	((jp-2001296239-\$). did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/02 08:57
S41	918	(73/9).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/02/02 11:31
S42	330	S41 and (roll rolling rolled slip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/02 11:32

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	552	(73/9).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/07/20 08:45
L2	217	1 and (roll rolling rolled slip\$4)	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/20 08:45
L3	108	2 and wheel	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/20 08:45
L4	136	2 and (roller wheel)	US-PGPUB; USPAT; UPAD	OR	ON	2009/07/20 08:45

7/20/09 8:47:36 AM

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